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From: Stephen E. Reiter *SR*

Date: March 6, 2003

Client/Matter No: 088802-8051

User ID No: 1877

MESSAGE:

In re Application of: Schiffer & Heinemann

Application No.: 09/854,140

Filing Date: May 11, 2001

For: KAINATE RECEPTOR SUBUNIT GLUR7 POLYMORPHISMS FOR DIAGNOSING
PREDISPOSITION AND FOR THERAPY OF MOOD DISORDERS

Examiner: Sally A. Sakelaris

Art Unit: 1634

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Atty. Dkt. No. 088802-8051

088802-IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Schiffer & Heinemann

Group Art Unit: 1634

Application No.: 09/854,140

Examiner: Sakelaris, Sally A.

Filing Date: May 11, 2001

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For: KAINATE RECEPTOR SUBUNIT GLUR7
 POLYMORPHISMS FOR DIAGNOSING
 PREDISPOSITION AND FOR THERAPY OF
 MOOD DISORDERS

Stephen E. Reiter, Reg. No. 31,192
 Name of person mailing paper

Stephen E. Reiter
 Signature

March 6, 2003
 Date

AMENDMENT TRANSMITTAL

Commissioner for Patents
 Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

☒ Small Entity status under 37 C.F.R. § 1.9 and § 1.27 has been established by a Small Entity statement previously submitted.

☒ The fee required for additional claims is calculated below:

	Claims as Amended	Previously Paid For	Extra Claims Present	Rate	Additional Claims Fee
Total Claims:	10	36	0	x \$18.00	\$0.00
Independents:	4	5	0	x \$84.00	\$0.00
First presentation of any Multiple Dependent Claims:			+	\$280.00	\$0.00
CLAIMS FEE TOTAL:					\$0.00

☒ Applicant hereby petitions for an extension of time under 37 C.F.R. § 1.136(a) for the total number of months checked below:

Atty. Dkt. No. 088802-8051

<input checked="" type="checkbox"/>	Extension for response filed within the first month:	\$110.00	\$110.00
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EXTENSION FEE TOTAL:			\$110.00
CLAIMS AND EXTENSION FEE TOTAL:			\$110.00
<input checked="" type="checkbox"/>	Small Entity Fees Apply (subtract 1/2 of above):		\$55.00
TOTAL FEE:			\$55.00

- ☒ Please charge Deposit Account No. 50-0872 in the amount of \$55.00. A duplicate copy of this transmittal is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date 3/6/03

By Stephen E. Reiter

FOLEY & LARDNER
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PATENT TRADEMARK OFFICE

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Stephen E. Reiter
Attorney for Applicant
Registration No. 31,192

PATENT
Attorney Docket No.: SALK2940
(088802-8051)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Schiffer & Heinemann

Application No.: 09/854,140

Filing Date: May 11, 2001

For: KAINATE RECEPTOR SUBUNIT GLUR7
POLYMORPHISMS FOR DIAGNOSING
PREDISPOSITION AND FOR THERAPY
OF MOOD DISORDERS

Group Art Unit: 1634

Examiner: Sakelaris, Sally A.

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Name of person mailing paper

Stephen E. Reiter
Signature

March 6, 2003
Date

Commissioner for Patents
Washington, D.C. 20231

AMENDMENT

Sir:

Responsive to the Office Action mailed November 6, 2002, please consider the following amendments and remarks.

The revised amendment format recently published as a "pre-OG" is employed.

In re Application of: Schiffer & Heinemann

Application No.: 09/854,140

Filing Date: May 11, 2001

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PATENT

Attorney Docket No.: SALK2940

(088802-8051)

a) **AMENDMENT TO THE SPECIFICATION**

Please delete Table 3 on page 48/49 and replace with the following (the only change is the insertion of "depressive" shown underlined):

Table 3: GluR7 Genotype Frequency in 153 Families

Genotype Distribution Frequency n (%)					
	N	T/T	T/G	G/G	P
Recurrent unipolar depressive disorder	139	84 (60.4)	48 (34.5)	7 (5.0)	0.151
Bipolar I <u>depressive</u> disorder	374	178 (47.6)	174 (46.5)	22 (5.9)	0.659
Bipolar II <u>depressive</u> disorder	112	44 (39.3)	57 (50.9)	11 (9.8)	0.332
Control	127	62 (48.8)	55 (43.3)	10 (7.8)	

In re Application of: Schiffer & Heinemann
Application No.: 09/854,140
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PATENT
Attorney Docket No.: SALK2940
(088802-8051)

Please delete Table 4 on page 50 and replace with the following (the only change is the insertion of "depressive" shown underlined):

Table 4: GluR7 Allele Frequency in 153 Families

Allele Frequency N (%)			
	T	G	P
Recurrent unipolar depressive disorder	216 (77.7)	62 (22.3)	0.057
Bipolar I <u>depressive</u> disorder	530 (70.9)	218 (29.1)	0.971
Bipolar II <u>depressive</u> disorder	145 (64.7)	79 (35.3)	0.180
Control	179 (70.5)	75 (29.5)	